

U.S. PATENT APPLICATION
ATTORNEY DOCKET NO. 22868/2

What is claimed is:

1. A utility consumption control network system for controlling consumption of units of a resource provided by a utility, comprising:

a communications network accessible by the utility;

5 a gateway connecting to the communications network, including,

an operating system;

a user interface;

10 at least one application transmitting and receiving data through the utility consumption control network, processing the data and providing the data to the user interface;

a user interface control mechanism selecting portions of the user interface;

a device in communication with the utility consumption control network, the device consuming units of the resource provided by the utility; and

15 an adapter in communication with the device, translating data sent to and from the device on the communications network into a protocol for communication with the gateway.

2. The utility consumption control network system of claim 1 further comprising:

a utility meter configured for automated reading; and

20 a utility meter adapter in communication with the utility meter, translating a signal containing usage data from the utility meter and transmitting the usage data to the gateway.

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3. The utility consumption control network system of claim 1, wherein the gateway is connected to a wide area network to provide access by the utility.
4. The utility consumption control network system of claim 3, further comprising:
5 a computing platform operatively connected to the wide area network, the gateway configured to send and receive data through the wide area network from the computing platform.
- 10 5. The utility consumption control network system of claim 1 wherein the user interface is a graphical user interface.
- 15 6. The utility consumption control network system of claim 5 wherein the user interface control mechanism is at least one input button selecting menus for the graphical user interface.
7. The utility consumption control network system of claim 1 wherein,
the device is a thermostat in communication with a climate control unit, and the thermostat is in communication with the communications network, whereby the thermostat transmits temperature data to the gateway and receives command signals from
20 the gateway.

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8. The utility consumption control network system of claim 1 wherein,
the gateway further includes a thermostat for monitoring an ambient temperature
data, and the thermostat is in communication with a climate control unit, whereby the
5 gateway transmits commands to the climate control unit.
9. The utility consumption control network system of claim 1 further comprising:
a thermostat reporting and monitoring temperatures; and
a climate control unit, in communication with the thermostat, treating an ambient
10 airspace.
10. The utility consumption control network system of claim 9 wherein the climate
control unit treats the ambient airspace by at least one of heating, cooling and
humidifying/dehumidifying.
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11. The utility consumption control network system of claim 1 wherein the resource
provided by the utility is at least one of electric, water and gas.

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